

Ozone Remediation Systems

AquaTreat completely enclosed ozone injection systems are available for accelerated in-situ site remediation. Our fleet of Ozone Injection Systems come complete with PLC control and remote monitoring capability.

Ozone water treatment is a method that reduces contaminants through ozone's oxidative strength. Ozone water treatment begins with the creation of ozone in an ozone generator. Then, ozone is injected into water, and immediately starts oxidizing and eliminating contaminants, such as bacteria, viruses, and metals. Ozone oxidizes organic material in the membranes of bacteria, viruses, and parasites. This weakens, ruptures, and kills their cells, eliminating the troublesome contaminants. Ozone also oxidizes iron, manganese, and copper into solid particles that can be easily filtered from water by mechanical filtration. Through oxidation, ozone water treatment systems can even rid water of turbidity and bad tastes and odors caused by chlorine.

